

Team 2: Team Blizzards at Smart India Hackathon 2023.

-Project: Automated Water Hyacinth Removal Rover automates the Water Hyacinth Removal process using sensor integration. It classifies the hyacinths for further processes and incorporates a weedicide spraying system to inhibit further growth in commercial aquatic ecosystems.

Category: Student Innovation Category

Members:

- Rishi Karthikeyan V P - IV MECH B
- Akilesh V - IV MECH A
- Mohammed Riyash J - IV MECH B
- Geethanjali S - II MECH A
- Thangamithra P - II ECE C
- Sri Shanmugavel M - IV MECH A

Mentors:

- Ramchandran N - Academic mentor
- Arun Balaji R - Industrial mentor



L&T Techgium'23

Project Title:

IoT Based Early Detection of Muscle Cramp/Spasms

Team:

The Mitigators

Status:

Won Employee Choice Award

Organized by:

LTTS, Mysore

Team Members:

1. MOHAMMED RIYASH J - III MECH
2. PRITHIKA ANDREA ANGELINA - II CSE
3. SHWETAHARINI S - III CSE
4. SHARON PETER A P - III MECH



L&T Techgium'23

Team of SKCET have won stellar awards in a national level Tech event organised by L&T at the Mysore Campus from 2nd to 4th May 2023.

It's indeed great that our students have set a foot print battling a tough competition with 33,000 students from 480 plus Institutions.

Team 1: 1st Runner up with Rs.5,00,000/- cash prize.

Project title:

Plugin Kit for Ready Charging

Team Members:

- 1.PRITHIKA ANDREA ANGELINA F - II CSE
- 2.PAVAN KUMAR M A - III MECH
- 3.MANSWINI P S - III EEE
- 4.MONISH KUMAR - II CSE

Project Title:

Plug-In kit for Ready Charging

Team:

The Krenoviantz

Status:

Won First Runner price of worth 5 lakh

Organized by:

LTTS, Mysore



L&T Techgium 2023

RALLERZ'23- National Level Dirt Bike Race

Two teams, **REBELS** and **RUT RIDERS**, from the Department of Mechanical Engineering and Members of Society of Automation and Robotics (SAR - SKCET) Laboratory are super excited to share that the teams enthusiastically participated in **the RALLERZ' 2023-NATIONAL LEVEL MINI- BIKE RACE** and bagged the Top position under 100cc category and Best Innovation Award among the various competitors from different colleges. The event was conducted by Sri Ramakrishna Institute of Technology, Coimbatore on 7 & 8th March.

The **team REBELS** designed a dirt bike and came up with the **Overall first prize and cash award of Rs.10,000.**

Team Name: REBELS

1. M.SRI SHANMUGAVEL III MECH-A
2. K. JOTHI PRAKASH III MECH-A
3. M. DEEPIKA III MECH-A
4. M. GOBIKUMAR III MECH-A
5. B. DHARUN BRANESH III MECH-A
6. V. AKILESH III MECH-A
7. A. DHANUSH VARDHAN III MECH-A
8. S. GODAVARI III MECH-A



The team Rut Riders designed a dirt bike and won the Best Innovation Award with trophy and certificates

Team: RUT RIDERS

- ❖ Award: Best Innovation
- ❖ Cash Award: Rs. 5,000
- ❖ Organized by: Sri Ramakrishna Institute of Technology, Coimbatore

Team Name: RUT RIDERS

Team Members:

- 1.M. HARIPRASATH III MECH-A
2. S. GRASHKAR-III MECH-C
3. K.L. NARAYANAN -III MECH-A
4. S. VISHVANATHAN-I MECH-B
5. M. A. PAVAN KUMAR-III MECH-B
6. J. MOHAMMED RIYASH-III MECH-B
7. M. MADHUSIVASANKARI -LLL MECH-A
8. V. DHARSHANA PRIYA-L MECH-A
9. S. CHARAN-LLL MECH A
10. K. SHANKAR GURU-LLL MECH A
11. G. KISHORE LL B.



RPM 2k23- National Level Dirt Bike Race

SKCET - MECHANICAL DEPARTMENT -*RPM 2023- NATIONAL LEVEL- DIRT BIKE RACE

Trio teams, **RAGE MANTLE, REBELS, RUT RIDERS**, from the Department of Mechanical Engineering and Members of Society of Automation and Robotics (SAR - SKCET) Laboratory are super excited to share that the teams enthusiastically participated in the RPM 2023-NATIONAL LEVEL DIRT BIKE RACE and bagged the Top position under 100cc category Including Championship and Runner up and Best Innovation Award and Best Design Award among the various competitors from different colleges. The event was conducted by SNS Institute of Engineering and Technology, Coimbatore on 21st March.

Team: RUT RIDERS

- ❖ Award: Best Innovation and Best Design Award
- ❖ Cash Award: Rs. 4,000
- ❖ Organized by: SNS Institute of Engineering and Technology, Coimbatore

Team Name: RUT RIDERS

Team Members:

- 1.M. HARIPRASATH III MECH-A
2. S. GRASHKAR-III MECH-C
3. K.L. NARAYANAN -III MECH-A
4. S. VISHVANATHAN-I MECH-B
5. M. A. PAVAN KUMAR-III MECH-B
6. J. MOHAMMED RIYASH-III MECH-B
7. M. MADHUSIVASANKARI -LLL MECH-A
8. V. DHARSHANA PRIYA-L MECH-A
9. S. CHARAN-LLL MECH A
10. K. SHANKAR GURU-LLL MECH A
11. G. KISHORE LL B.

Team: REBELS

- ❖ Award: First Runner Up
- ❖ Cash Award: Rs. 6,000
- ❖ Organized by: SNS Institute of Engineering and Technology, Coimbatore

Team Name: REBELS

- 1.M.SRI SHANMUGAVEL III MECH-A
- 2.K.JOTHI PRAKASH III MECH-A
- 3.M.DEEPIKA III MECH-A
- 4.M.GOBIKUMAR III MECH-A
- 5.B.DHARUN BRANESH III MECH-A
- 6.V.AKILESH III MECH-A
- 7.A.DHANUSH VARDHAN III MECH-A
- 8.S.GODAVARI III MECH-A

Team: RAGE MANTLE

- ❖ Award: 1st Price
- ❖ Cash Award: Rs. 10,000
- ❖ Organized by: SNS Institute of Engineering and Technology, Coimbatore

Team Name: RAGE MANTLE

Team Members:

- 1.MADAVAN R III Mech-A
- 2.ANAND KUMAR R-III Mech-A
- 3.HARRISH P-III Mech-A
- 4.SHARON AP-III Mech-A
- 5.JERITA PRINCY S-III Mech-A
- 6.RAKESH - III MECH C
- 7.KRISHNA CHANDAR K-III Mech A
- 8.DEEPAKRAJA - III Mech A
- 9.NAFIS ROSHAN N- III Mech B

10.HITESH KUMAR CM - III Mech A



Team REBELS and RAGE MANTLE at SNS Institute of Engineering & Technology

RIVILS'23 Dirt Bike Race

Bettmenn's Crew and RUT RIDERS from the Department of Mechanical Engineering and Members of Society of Automation and Robotics (SAR - SKCET) club enthusiastically participated in the **RIVALS 2023**-4th NATIONAL LEVEL MINI- BIKE RACE and bagged Top position under 100cc category and Best Innovation Award among the various competitors from different colleges. The event was conducted by Karpagam Institute of Technology, Coimbatore on 4th March.

Team: BETTMENN'S CREW

- ❖ Award: 1st Price
- ❖ Cash Award: Rs. 15,000
- ❖ Organized by: Karpagam College of Engineering, Coimbatore

Team Members:

- 1.MADAVAN R III Mech-A
- 2.ANAND KUMAR R-III Mech-A
- 3.HARRISH P-III Mech-A
- 4.SHARON AP-III Mech-A
- 5.JERITA PRINCY S-III Mech-A
- 6.SANTHOSH R-III Mech-C
- 7.KRISHNA CHANDAR K-III Mech A
- 8.DEEPAKRAJA - III Mech A
- 9.NAFIS ROSHAN N- III Mech B
- 10.PAVAN KUMAR MA-III Mech B
- 11.HITESH KUMAR CM - III Mech A

Team: RUT RIDERS

- ❖ Award: Best Innovation
- ❖ Cash Award: Rs. 15,000
- ❖ Organized by: Karpagam College of Engineering, Coimbatore

Team Members:

- 1.M. HARIPRASATH III MECH-A
2. S. GRASHKAR-III MECH-C
3. K.L. NARAYANAN -III MECH-A
4. S. VISHVANATHAN-I MECH-B
5. M. A. PAVAN KUMAR-III MECH-B
6. J. MOHAMMED RIYASH-III MECH-B
7. M. MADHUSIVASANKARI -LLL MECH-A
8. V. DHARSHANA PRIYA-L MECH-A
9. S. CHARAN-LLL MECH A
10. K. SHANKAR GURU-LLL MECH A
11. G. KISHORE LL B.



SIH-HARDWARE- 2022

Team from Department of Mechanical Engineering which comprises of students from **MECH, IT and ECE** has won first prize **SIH hardware edition Hackathon,2022** under the **Ministry of Ayush**.

Team Name- The Mitigators

Ministry-Ministry of Ayush

Problem Statement-AI based Kashaya making Machine

Team Members:

1. PAVAN KUMAR M A(III MECH)
2. TRISHA S (IV ECE)
3. JOSHAN REGOBERT M (III MECH)
4. SWATHI M NAIR (IV ECE)
5. SRIDHARSNI S (IV IT)
6. RITHANI RAJYA SREE V (IV IT)

Team Mentor:

Mr.N.Ramachandran , AP/MECH



Ministry/ Organization name: Ministry of AYUSH

Problem Statement : Process of making Kashaya is a cumbersome process, hence there is a usual non-compliance of patient to Kashaya.

Team Name : The Mitigators

Team Leader Name : M.A.Pavan Kumar

College Code : C-36995

SIH-HARDWARE- 2022

Team from Department of Mechanical Engineering which comprises of students from MECH and IT has won first prize SIH hardware edition Hackathon,2022 under the Ministry of Electronics and Information Technology.

Team Name- Krenoviantz

Ministry-Ministry of Electronics and Information Technology

Problem Statement-AR VR based students laboratory application

Team Members:

1. RITHISH M S (III MECH)
2. SAKTHIVEL B (III MECH)
3. VEL PRAKHASH (III MECH)
4. SEMBULINGAM M (III MECH)
5. SRINITHI B (IVMECH)
6. MONISSHA D (III CSBS)

Team Mentor:

Mr.N.Ramachandran , AP/MECH



Ministry / Organization Name: Ministry of Electronics and Information Technology (MEITY)
Problem Statement: Virtual Laboratory for Science subjects at school level
Team Name: Krenoviantz
Team Leader Name: Rithish M S
College Code: C-36995

PLI BLOCKATHON INIDA-2022

Project Title:

Decentralized application for FREELANCING PLATFORM using XDC Network

Team:

Krenoviantz

Status:

Won price of worth Rs.25,000 in XDC coins

Organized by:

University College Dublin

Student team from the department of Mechanical Engineering envisioned and actively enrolled themselves in PLI Blockathon organized by the Suvik Group of Companies at Sathyabama University, Chennai on 22nd and 23rd Sep 2022. They successfully developed a decentralized application for FREELANCING PLATFORM using XDC Network .

Team Members:

1. Saravanan G S - III MECH
2. Santhosh S - III MECH
3. Mithuan Rahkav - III MECH
4. Monishwar M C - III MECH

Team Mentor:

Mr.N.Ramachandran, AP/MECH



PLI BLOCKATHON INDIA- 2022

EDXR Challenge-2022

Remarkable achievement at EdXR Challenge

Our teams participated and secured the Silver prize with a 300€ Gift voucher in EdXR challenge conducted by the University of Dublin.

Project Title:

MetaLab

Project Idea:

A virtual lab for science subjects at school level.

Team members:

RITHISH M S - IV Mech
SEMBULINGAM M - IV Mech
KAMLESH N - III Mech
NAFIS ROSHAN N - III Mech
MANSWINI P S - III EEE
KISHORE G - III Mech
PAVAN KUMAR M A - III Mech
MOHAMMED RIYASH J - III Mech
SRI SHANMUGAVEL M M - III Mech
JERITA PRINCY S - III Mech

Faculty Mentor:

Mr. Ramachandran AP/Mech

DEVPOST

Dear participants,

Thank you very much for participating in the "EdXR challenge: Design, Create, Code, Analyse" Hackathon workshop.

The judges have accessed your submissions and we decided to give 2 awards (Gold: €400 gift voucher and Silver: €300 gift voucher) out of the 5 submissions. Please see the results as below:

Team	Evaluation Results
Kera	Gold
Meta Lab	Silver
Extinct Animal Park	Participation
Covid vs Mathematics	Participation
Voice Recognition	Participation

The comments of evaluation results will be sent to the individual teams separately. Please contact iamnir.kunjvelas.uro@gmail.com with your team's name to receive the feedback for your submission and your certificate (please cc all your team members in your email).

The winner teams please contact arite@ucd.ie to claim your prize.

We hope you found the Hackathon workshop interesting and beneficial.

Kind regards,
The EdXR team

DEVPOST MetaLab

A virtual lab for science subjects at school level

STORY UPDATES

Meta Lab

Metaverse
A Universe Beyond Reality

INSPIRATION

What it does

How we built it

Created by

KAMLESH N	20EUMC082 PAVAN KUMAR M A
Manswini P.S	20eumc049-JERITA PRINCY S
NAFIS ROSHAN N	RITHISH M S
21eumc513 Kishore.G	Sembulingam M
20eumc067 MOHAMMED RIYASH J	SRI SHANMUGAVEL M M

AUGMENTED REALITY

Images showing AR applications: a digestive system, a tiger, and a hand holding a device.



Monisha D
II CSBS



Srinithi B
III MECH



Ramya Harikrishnan
IV ECE



Prawin Shankar T A
III MCT



Shibin Thomas S
III MCT (Team leader)



Sridhar E
III MECH



**SMART INDIA
HACKATHON
2020**

**HARDWARE EDITION
WINNERS**



Mr. Ramachandran N
A.P MECH (Mentor)



SRI KRISHNA
COLLEGE OF ENGINEERING
AND TECHNOLOGY

India Design Week-2022

Team from Mechanical Engineering TEAM CRYPTO-BIN has been shortlisted as one of the **20 semi- finalist among 3560 teams** worldwide for India design week Challenge.

Team Members:

- 1) NITIN VYAS R (IV MECH)
- 2) NANDHEESH DT (IV MECH)

Mentor:

Mr.N.Ramachandran , AP/MECH

Dr.K.P.Yuvaraj,AP/MECH



DIRT RACE'22

Team Rebels participated and won an Innovation Award which was conducted on 19th Oct 2022 at Sri Ramakrishna College of Engineering, Coimbatore

Team Members:

Sri Shanmugavel
Gopi Kumar
Jothi Prakash
Dharun Branesh
Deepika
Godavari



TOYCATHON- 2021

Team from Department of Mechanical Engineering which comprises of **students from MECH, MCT and CSBS** has participated and got selected for grand finale in TOYCATHON'21 conducted by AICTE-MHRD.

Team Name- Next Gen

Team Members:

1. MONISSHA (II CSBS)
2. SHIBIN THOMAS (III MCT)
3. PRAWIN SHANKAR (III MCT)
4. SHRIDHAR (III MECH)
5. SRINITHI (III MECH)
6. SWETHA (III MECH)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



SEBELAS MARET INTERNATIONAL IoT CHALLENGE 2021 (INDONESIA)-Winners

Our team BLAZE has won the BEST INNOVATION AWARD among 12 finalists from 560 teams worldwide in the INTERNATIONAL IoT CHALLENGE 2021 conducted by SEBELAS MARET UNIVERSITY, INDONESIA.

Team Name-

BLAZE

Award Prize-

USD 200 + e-certificate

Team Members:

1. SRINITHI. B (IV MECH)
2. SHRIDHAR .K.E (IV MECH)
3. SWETHA. S (IV MECH)
4. DHARANEETHARAN. S (IV MECH)
5. AFESL GAYOOM. A (IV MECH)

Team Mentor:

Mr.N.Ramachandran , AP/MECH



KRIYA2020 PSG COLLEGE OF TECHNOLOGY

Students from the Department of Mechanical Engineering has participated in the event "KRIYA2020", a Paper Presentation competition at PSG College Of Technology, Coimbatore on the topic "YESHO- THE SOLAR BIKE".

The team has won 1st prize in the event.

Awards: Rs.2000

Team Members:

1. S.SARANYA- II MECH (18EUMC136)
2. SRINITHI.B - II MECH (18EUMC148)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



VISAI 2020

A team of students from the Department of Mechanical Engineering and Electronics and Communication Engineering presented a project in "VISAI 2020" held at Veltech University and won Second prize with a cash award of Rs.7500.

Topic - LAST MILE DELIVERY –DRONE

Domain - Industry Innovation

Team Members :

- 1) AATHEESHWARAN III MECH(17EUMC001)
- 2) KIRITHIKA III ECE(17EUEC069)
- 3) MONALISHA K III ECE(17EUEC085)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



SIH-HARDWARE- 2020 Winners

Team from Department of Mechanical Engineering which comprises of students from MECH, MCT, ECE and CSBS has won **first price** in SIH hardware edition Hackathon,2020 under the problem statement DA193 (Ministry of Ayush).

Team Name- Next Gen

First Prize- Rs.1,00,000

Ministry-Ministry of Ayush

Problem Statement- Virtual Realty Yoga solutions

Team Members:

1. SHIBIN THOMAS (III MCT)
2. PRAWIN SHANKAR (III MCT)
3. RAMYA (IV ECE)
4. SHRIDHAR (III MECH)
5. SRINITHI (III MECH)
6. MONISSHA (II CSBS)

Team Mentor:

Mr.N.Ramachandran , AP/MECH

Rank	Team Name	Department	Award Status
4	IC481 ACBO ADVANTAS BROCHIT	AICTE-MTC	JOINT WINNERS
5	IC482 COPPER ICHTED MINDS	AICTE-MTC	JOINT WINNERS
6	IC483 BATTER WARRIORS	AICTE-MTC	JOINT WINNERS
7	IC484 ANDRO SHEFY	AICTE-MTC	JOINT WINNERS
8	IC485 SMART E BIKE	AICTE-MTC	WINNERS
9	IC486 FLUTTER TECHNICAL GARDEN	AICTE-MTC	JOINT WINNERS
10	IC487 MECHANICUS THE ZEPH	AICTE-MTC	JOINT WINNERS
11	IC488 DRISHITI 1	AICTE-MTC	WINNERS
12	PI424 Carba Fun	Department of Science & Technology	JOINT WINNER
13	PI419 WE AERONAUTS	Department of Science & Technology	JOINT WINNER
14	PI430 ENERGY TECHNOLOGO	Department of Science & Technology	WINNER
15	PI407 KALAM 2020 INKART	Department of Science & Technology	JOINT WINNER
16	SI292 SmartType	BHARAT FORGE Ltd	WINNER
17	A336 NO TEAMS SELECTED	Ministry of Woman & Child Development	NO WINNERS
18	SC86 BLAZING DREAMS	MSME	WINNER B
19	SC435 HYPO 2.0	GOVT OF BIHAR	WINNER B (WINNER IN 1st ROUN)
20	SC438 ADVENTUROUS ACHIEVE WINDUSKETERS	GOVT OF BIHAR	WINNER
21	SG87 M-sh	MSME	WINNER B
22	NG27 NO TEAMS SELECTED	GRANUS	NO WINNERS
23	CI977 Anurabhai	DREO	WINNER B
24	CI448 Battelle Bharatwari Engin	DREO	JOINT WINNERS
25	AC3 DINO TEAM_HORIZON	DSR	JOINT WINNERS
26	AC3 MEGHNATH-301 UCB	DSR	JOINT WINNERS
27	AG43 COSMOS SEPTEMBER	DSR	JOINT WINNERS
28	MS42 NO TEAMS SELECTED	COGNIZANT	NO WINNERS
29	GA193 NEXT GEN TECH_ZENITH	Ministry of Ayush	JOINT WINNERS

DHRUVA-Paper Presentation-2019

Students from the Department of Mechanical Engineering has participated in the event "DHRUVA", a Paper Presentation competition at Karpagam College of Engineering, Coimbatore on the topic "YESHO- THE SOLAR BIKE".

Project Title:

YESHO- THE SOLAR BIKE

Organized by:

Karpagam College Of Engineering, Coimbatore

The team has won **1st prize** in the event.

Awards: Rs.2000

Team Members:

1. S. DHARANEETHARAN II MECH (18EUMC036)
2. SRINITHI.B - II MECH (18EUMC148)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



AAKRUUSH'19

SRM UNIVERSITY

Team Technocracks from the Department of Mechanical Engineering has won the Second prize in the event named “AAKRUUSH'19” \, an Hover Boat contest named as “HOVE RUSH” at SRM Institute of Technology and Sciences, Chennai.

Project Title:

Hover Boat contest, HOVE RUSH

Team Name:

Technocracks

Awards:

2nd price, RS.10000

Organized by:

SRM Institute of Technology and Sciences, Chennai

Team Members:

1. Nitin Vyas. R II Mech (18EUMC102)
2. Nandheesh. D. T II Mech (18EUMC091)
3. Nandha Gopal. S II Mech (18EUMC090)
4. Muthu Kesavan. S II Mech (18EUMC088)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



IDEATHON COVID'19 Challenge

Mr. N. Ramachandran, Assistant professor, Department of Mechanical Engineering participated in IDEATHON –COVID'19 Challenge conducted by MHRD's Innovation Cell, AICTE, Forge and InnovatioCuris and successfully completed Milestone 2 round. The ideas presented in the competition were lauded by the mentors and jury members.

Project Title:

Face Mask, Shields and Ventilator Splitter

Award:

Milestone 2 round

Organized by:

MHRD's Innovation Cell, AICTE.



KOVAI VIZHA'19

Our Team from SAR-SKCET club, Department of Mechanical Engineering has won the BEST INNOVATION AWARD in Kovai Vizha '19 in the event of Contraption conducted at Codissia, Coimbatore.

Project Title:

AI based Contraption

Team:

Kreativaus

Awards- Rs.10000





Team Kreativaus has won the best innovation award Team Kovai Vizha 19

MIT –COVID'19 Challenge

Two teams from the Department of Mechanical Engineering has participated in the online hackathon conducted by Massachusetts Institute of Technology (MIT) - a research university in Cambridge, Massachusetts, USA and secured 11th and 29th place among 1470 teams shortlisted from across the globe for the finals. The teams were mentored by Mr.N. Ramachandran, Assistant Professor, Department of Mechanical Engineering .

Team Krenoviantz presented Artificial Intelligence (AI) based Personal Protective Equipment for Fighting Corona Menace as their idea and obtained 11th place and

Team Kreativaus presented Assisting equipments for ventilators to overcome the meager in medication facilities as their topic and got 29th place.



Babette Paping [MIT] [hack team] 8:36 AM
joined #probpitch-c-030-teamskct

Great job today! Some notes I made today during your presentation:

- Clearly define problem and your users and buyers (can be someone different)
- Who exactly are you targeting?
- Why are users buying this? Who would buy this?
- How are you reaching/finding your customers? How to have them find your product?
- Is the technology available?
- Think about implementation and business model (also longer term, post covid usability)



Our schedule for tonight

Welcome to the first round of practice pitches! Some ground rules:

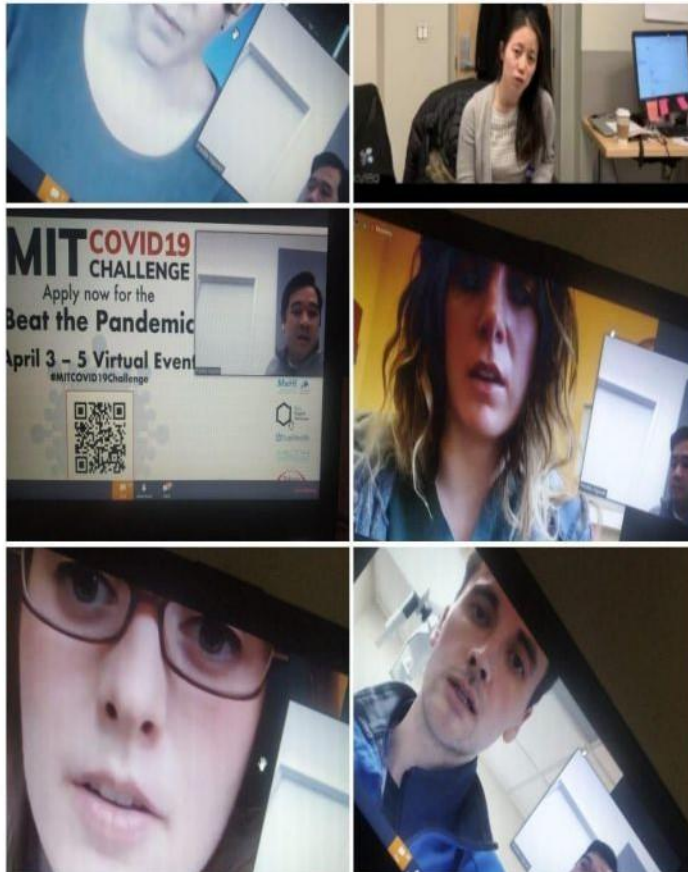
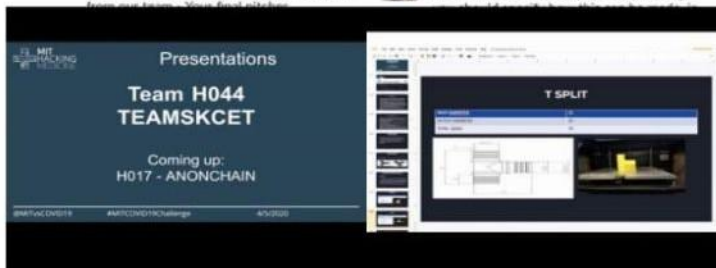
- Tonight, you have 5 minutes for your practice pitches and 3 minutes for feedback



The proposed solution has been devised keeping in mind that the majority of the cases of the COVID-19 occur because people don't keep their hands sanitized at all times, and although not every one might be aware of it, we touch our faces more often than we might ever care to count. Therefore, the solution we have come up with is an alert system that sends an alert to the user whenever he/she touches his/her face.

I'm a mechanical engineering working in sri krishna college of engineering and technology tamil nadu INDIA

Donatella Longoverde [Takeda] [Me...] 8:56 PM
I think that now, to complete the challenge



MHRD Mega Online Challenge-SAMADHAN

Mr. N.Ramachandran, Assistant professor, Department of Mechanical Engineering has been selected as the Mentor and Evaluator by MHRD AICTE for guiding various students and teams from worldwide.

The suggestions provided were accepted by various teams and evaluated various teams and selected the winners of SAMADHAN.

The image shows a screenshot of a WhatsApp chat interface. On the left is a list of direct messages, with '097_Garvit_tanwar' selected. The main chat area on the right shows a conversation between 'Mentor_Ramachandran N' and '037_Pallavi_Shirodkar'. The chat history includes:

- 037_Pallavi_Shirodkar** (10:01 AM): To develop a robot which will give Contactless delivery. The Robot can also measure the temp of the patients and also the people who are there in the hospital.
- Mentor_Ramachandran N** (10:02 AM): What all are the comments you are using for this?!
- 037_Pallavi_Shirodkar** (10:03 AM): Sir I am using the temperature sensor for that purpose.
- Mentor_Ramachandran N** (10:10 AM): It is a robotic hand made by 3d printer and servo motor. 3d printed parts with servo motor ah.
- team_040_arvind_patel** (10:11 AM): And a glove in doctor hand with flex sensors which simulate robotic hand from a distance of 1-2 metre.
- Mentor_Ramachandran N** (10:11 AM): Arduino nano u r going to use ah.
- Mentor_Ramachandran N** (10:55 AM): Like in Wuhan they sanitized everything with uv rays. <https://mobile.twitter.com/SanjayDhotreMP/status/1247825044073353216/photo/2>
- Apoorva 1822ec1038** (10:55 AM): Sir let me check it just a minute. Yes sir like this only.
- Mentor_Ramachandran N** (10:57 AM): Yes sir. Can please help us in design fronts?
- Mentor_Ramachandran N** (10:22 AM): Just propose like a bot mam u can use arduino as a MC then use ultrasonic sensor for Obstrucle detection. Then in front connect a mop with servo motor this less rpm high torque add ultrasonic sensor also in front mam.
- Janani Viswanathan** (10:23 AM): Thank you.. actually the problem is we are supposed to clean wall also. So, is there any possibility to add on..?
- Mentor_Ramachandran N** (10:25 AM):

Tech-QUEST'19 CATERPILLAR MANUFACTURING DAY

My team from Mechanical Engineering has won THIRD PRICE at Tech QUEST'19 – Caterpillar Manufacturing Day Contest organized by the leading **MNC, Caterpillar India PVT LTD, Chennai.**

Awards: Rs.5000 + certificates

Team Members:

1. NITIN VYAS.R, (II MECH)
2. NANDHEESH.D.T (II MECH)
3. NAVIN KARTHIK.V.S (II MECH)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



MECHANICA 2K18- IIT Madras

The students from Society of Automation and Robotic (SAR-SKCET CLUB), Department of Mechanical Engineering has participated and won few prizes in MECHANICA2k18 at IIT Madras which was held from 09/03/2018 to 11/03/2018.



ORACLE'18

Hindustan College of Engineering and Technology, Coimbatore

Students from the Department of Mechanical Engineering has participated in the event "ORACLE 2K18", a Project Contest held at Hindustan College of Engineering and Technology, Coimbatore, for the project " **Wall climbing robot** ".

Project Title:

Wall climbing robot

Award:

1st price, **Rs.3000**

Organized by:

Hindustan College of Engineering and Technology, Coimbatore

Team Members:

1. R. Palanivel- IV MECH (17EUMC511)
2. Raj Narayan- IV MECH (16EUMC136)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



ORACLE, 2K18

Government college of technology, Coimbatore

Students from the Department of Mechanical Engineering has participated in the event "ORACLE 2K18", a Project Contest at Government College Of Technology, Coimbatore, for the project "Automatic paper pouch making machine".

Project Title:

Automatic paper pouch making machine

Award:

1st price, **Rs.3000**

Organized by:

Government College Of Technology, Coimbatore

Team Members:

1. R. Palanivel- IV MECH (17EUMC511)
2. Raj Narayan- IV MECH (16EUMC136)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



**IIT-MADRAS
UNCONFERENCE(E-SUMMIT):**

The student from the Department Mechanical Engineering has won 3rd place in all over India in unconference held at IIT MADRAS during the E-SUMMIT 2018 under the guidance of **Mr. N. Ramachandran, AP/MECH.**

Award:

3rd price

Organized by:

IIT Madras



TECH FEST'18

Karunya institute of technology and science, Coimbatore

Students from the Department of Mechanical Engineering has participated in the event "Tech fest", a Project Contest held at Karunya Institute Of Technology And Science, Coimbatore, for the project "Automatic lawn mower".

Project Title:

Automatic lawn mower

Team:

Avengers

Award:

1st price

Organized by:

Karunya Institute of Technology

Team Members:

1. Neelsh Kumar- IV MECH (17EUMC503)
2. Sree Harish- II MECH (16EUMC148)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



MECHANICA 2K18- IIT Madras

Project Title:

Project X

Team:

Blossoms

Award:

2nd price, Awarded with Cash prize

Organized by:

IIT Madras

Team Members:

1. PERIYANNAN. M
2. KISHORE. S
3. KARTHIK. P



NOVA'17

Coimbatore Institute of Technology, Coimbatore

Students from the Department of Mechanical Engineering has participated in the event "**NOVA' 17**", a **Project Contest** held at **Coimbatore Institute of Technology**, Coimbatore, for the project "**Automatic lawn mower**".

Project Title:

Automatic lawn mower

Organized by:

CIT, Coimbatore

The team has won **1st prize** in the event.

Awards: Rs.3000

Team Members:

1. Neelsh Kumar- IV MECH (17EUMC503)
2. Sree Harish- II MECH (16EUMC148)

Team Mentor:

Mr. N. Ramachandran, AP/MECH





FUTURA'17

BANNARI AMMAN INSTITUTE OF TECHNOLOGY, SATHY

Students from the Department of Mechanical Engineering has participated in the event "Futura'17", a Project Contest held at, Bannari Amman Institute of Technology, Sathy for the project "Automatic paper pouch making machine".

Project Title:

Automatic paper pouch making machine

Award:

1st price, **Rs.7000**

Organized by:

Bannari Amman Institute of Technology, Sathy

Team Members:

1. R. Palanivel- IV MECH (17EUMC511)
2. Raj Narayan- IV MECH (16EUMC136)

Team Mentor:

Mr. N. Ramachandran, AP/MECH



